

What Is Claimed Is:

1. A distance measuring apparatus, having a plurality of distance measuring regions, for calculating autofocus data on the basis of a plurality of distance measurement values acquired in said plurality of distance measuring regions, said distance measuring apparatus comprising:

distance measurement value selecting means for detecting the shortest distance measurement value corresponding to the shortest distance among the plurality of distance measurement values, and selecting the distance measurement values that differ from the shortest distance measurement value by a value less than a predetermined threshold value;

first computing means for calculating a first correction value, which is the mean value of the difference values between the shortest distance measurement value and the selected distance measurement values;

second computing means for detecting the farthest distance measurement value corresponding to the farthest distance among the selected distance measurement values, and calculating a second correction value, which is 1/2 the difference between the shortest distance measurement value and the farthest distance measurement value; and

third computing means for calculating the autofocus data by correcting the shortest distance measurement value,

using the first correction value as the adopted correction value if the second correction value is greater than the first correction value, and the second correction value as the adopted correction value if the second correction value is less than the first correction value.

2. The distance measuring apparatus according to claim 1, wherein the predetermined threshold value is variable.

3. A camera comprising the distance measuring apparatus according to claim 2, wherein the predetermined threshold value is determined based on a circle of confusion.